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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,414	07/11/2003	John Francis Laidlaw		3483

7590 09/10/2004  
JOHN F. LAIDLAW  
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EXAMINER

BARFIELD, ANTHONY DERRELL

ART UNIT PAPER NUMBER

3636

DATE MAILED: 09/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/617,414

Applicant(s)

LAIDLAW, JOHN FRANCIS

Examiner

Anthony D Barfield

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3636

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. Claims 1-8 are rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure, which goes to make up the device, must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent(s) cited.

2. A series of singular dependent claims is permissible in which a dependent claim refers to a preceding claim which, in turn, refers to another preceding claim.

A claim, which depends from a dependent claim, should not be separated by any claim, which does not also depend from said dependent claim. It should be kept in mind that a dependent claim may refer to any preceding independent claim. In general, applicant's sequence will not be changed. See MPEP § 608.01(n).

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Babbitt.

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Babbitt shows the use of a bicycle saddle shell (A) consisting of a truncated horn region. The saddle shell is defined by a relieved region (a) devoid of any material, starting at the forefront and extending towards the rear of the saddle in a section that inherently corresponds to the urogenital triangular region of the seated rider's perineum. Babbitt further shows the use of a guide (B) at the nose of the saddle that bridges the sides of the saddle shell to provide a blended element for smooth transition of the rider in the seated position, and lateral rigidity to the anterior of the saddle shell while preserving a level of compliance in other vectors of motion.

5. Claims 1-4 and 7-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Newell. Newell shows the use of a bicycle saddle shell (a) consisting of a truncated horn region. The saddle shell is defined by a relieved region (see Fig. 5) devoid of any material, starting at the forefront and extending towards the rear of the saddle in a section that inherently corresponds to the urogenital triangular region of the seated rider's perineum. Newell further shows the use of a suspension device with two independently compliant extensions (b,b') to: mount and support the saddle shell, provide a means of attachment to the seat post with sufficient fore/aft adjustment, and enable independent pitch and roll of the two halves of the saddle shell corresponding to the left and right seat, bone (ischium). The suspension device comprises a double-cantilever rail frame consisting of a triple-bend, hairpin (see Figure 4) to mount and support the saddle shell, along with a U-shaped base (c) with two parallel mounting rails (b,b') to provide sufficient fore/aft adjustment of the saddle in any standard seat post for installation on any standard bicycle. The rails symmetrically transition to a shell support plane with a wider span between the rails to provide stability of the saddle and directly support the seat bone (ischium).

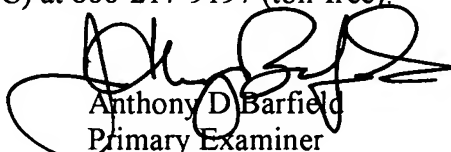
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*Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Reference Nos. 6,139,098, 6,193,309, and 6,783,176 show features of the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony D Barfield whose telephone number is 703-308-2158. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Anthony D Barfield  
Primary Examiner  
Art Unit 3636

adb  
September 7, 2004